

**Table 20. Weather Summary, Selected U.S. Cities**  
(Population Weighted Heating Degree-Days<sup>1</sup>)

Weather data reported in the *Weekly Petroleum Status Report* are taken directly from a computerized system implemented by the National Oceanic and Atmospheric Administration, Department of Commerce. The National Oceanic and Atmospheric Administration (NOAA)/NWS, as a U.S. Government Agency, does not endorse any consumer information services.

The weather for the Nation, as measured by population-weighted heating degree-days from July 1, 1998, through January 16, 1999, has been 5 percent warmer than last year and 7 percent warmer than normal.

| Location                        | Current<br>07/01/98<br>thru<br>01/16/99 | Previous<br>07/01/97<br>thru<br>01/16/98 | Normal<br>07/01<br>thru<br>01/16 | Percent Change             |                          |
|---------------------------------|---|--|----------------------------------|----------------------------|--------------------------|
|                                 |   |  |                                  | Current<br>vs.<br>Previous | Current<br>vs.<br>Normal |
| U.S. Total, Population-Weighted | 2,063                                   | 2,181                                    | 2,215                            | -5                         | -7                       |
| Cities                          |   |  |                                  |                            |                          |
| Albuquerque                     | 2,024                                   | 2,337                                    | 2,326                            | -13                        | -13                      |
| Amarillo                        | 1,911                                   | 2,386                                    | 2,176                            | -20                        | -12                      |
| Asheville                       | 1,854                                   | 2,192                                    | 2,146                            | -15                        | -14                      |
| Atlanta                         | 1,174                                   | 1,603                                    | 1,536                            | -27                        | -24                      |
| Billings                        | 3,162                                   | 3,339                                    | 3,603                            | -5                         | -12                      |
| Boise                           | 2,631                                   | 2,672                                    | 3,027                            | -2                         | -13                      |
| Boston                          | 2,411                                   | 2,562                                    | 2,536                            | -6                         | -5                       |
| Buffalo                         | 2,882                                   | 3,012                                    | 3,084                            | -4                         | -7                       |
| Cheyenne                        | 3,217                                   | 3,521                                    | 3,555                            | -9                         | -10                      |
| Chicago                         | 2,678                                   | 2,942                                    | 3,137                            | -9                         | -15                      |
| Cincinnati                      | 2,417                                   | 2,405                                    | 2,563                            | 0                          | -6                       |
| Cleveland                       | 2,659                                   | 2,741                                    | 2,860                            | -3                         | -7                       |
| Columbia, SC                    | 1,091                                   | 1,409                                    | 1,370                            | -23                        | -20                      |
| Denver                          | 2,781                                   | 3,131                                    | 2,982                            | -11                        | -7                       |
| Des Moines                      | 2,951                                   | 3,158                                    | 3,226                            | -7                         | -9                       |
| Detroit                         | 2,797                                   | 2,883                                    | 3,102                            | -3                         | -10                      |
| Fargo                           | 4,243                                   | 4,201                                    | 4,616                            | 1                          | -8                       |
| Hartford                        | 2,761                                   | 2,847                                    | 2,936                            | -3                         | -6                       |
| Houston                         | 660                                     | 926                                      | 831                              | -29                        | -21                      |
| Jacksonville                    | 505                                     | 670                                      | 730                              | -25                        | -31                      |
| Kansas City                     | 2,373                                   | 2,585                                    | 2,704                            | -8                         | -12                      |
| Las Vegas                       | 1,106                                   | 1,177                                    | 1,293                            | -6                         | -14                      |
| Los Angeles                     | 583                                     | 449                                      | 581                              | 30                         | 0                        |
| Memphis                         | 1,426                                   | 1,652                                    | 1,589                            | -14                        | -10                      |
| Miami                           | 47                                      | 61                                       | 90                               | ***                        | ***                      |
| Milwaukee                       | 2,913                                   | 3,204                                    | 3,435                            | -9                         | -15                      |
| Minneapolis                     | 3,549                                   | 3,698                                    | 3,970                            | -4                         | -11                      |
| Montgomery                      | 905                                     | 1,308                                    | 1,166                            | -31                        | -22                      |
| New York                        | 1,915                                   | 2,040                                    | 2,224                            | -6                         | -14                      |
| Oklahoma City                   | 1,618                                   | 1,953                                    | 1,883                            | -17                        | -14                      |
| Omaha                           | 2,799                                   | 3,087                                    | 3,187                            | -9                         | -12                      |
| Philadelphia                    | 2,019                                   | 2,096                                    | 2,326                            | -4                         | -13                      |
| Phoenix                         | 552                                     | 613                                      | 694                              | -10                        | -20                      |
| Pittsburgh                      | 2,593                                   | 2,674                                    | 2,852                            | -3                         | -9                       |
| Portland, ME                    | 3,177                                   | 3,315                                    | 3,433                            | -4                         | -7                       |
| Providence                      | 2,486                                   | 2,610                                    | 2,673                            | -5                         | -7                       |
| Raleigh                         | 1,549                                   | 1,749                                    | 1,723                            | -11                        | -10                      |
| Richmond                        | 1,762                                   | 1,863                                    | 1,955                            | -5                         | -10                      |
| St. Louis                       | 2,178                                   | 2,333                                    | 2,359                            | -7                         | -8                       |
| Salem, OR                       | 2,162                                   | 2,115                                    | 2,396                            | 2                          | -10                      |
| Salt Lake City                  | 2,695                                   | 2,783                                    | 2,909                            | -3                         | -7                       |
| San Francisco                   | 1,521                                   | 985                                      | 1,436                            | 54                         | 6                        |
| Seattle                         | 2,170                                   | 2,171                                    | 2,416                            | 0                          | -10                      |
| Shreveport                      | 1,068                                   | 1,278                                    | 1,189                            | -16                        | -10                      |
| Washington, DC                  | 1,774                                   | 1,876                                    | 1,941                            | -5                         | -9                       |

<sup>1</sup>See Glossary.

\*\*\* = Normal heating degree-days or less, or ratio in calculable.

Note:• The total heating degree-days for the previous heating season (July 1, 1997 - June 30, 1998) was 4,299 and the normal is 4,575. • A new method for calculating heating/cooling degree days was implemented by the Climate Analysis Center in October 1993, with further refinements implemented in November 1993. The routines incorporate 1961-1990 normals supplied by the National Climatic Data Center, and 1990 census data for calculation of population weighted degree days.